

West Vermont



Rite in the Rain

ALL-WEATHER

FIELD

Nº 351

West Vermont PRP 05
20405.012.001.1856 .00
S05-0001-1205-013
3/1/2013 -



INCH

Name _____

2 _____

Phone _____

Project _____

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	Pine Environment 3172383441	

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 3/1/2013 W. Vermont
 well = water level
 10:17 = 5C = 18.90
 10:25 5A = 17.90
 10:28 4A A 20.87
 10:30 4B 19.91
 10:35 5B 18.50
 10:41 3A 21.12
 10:45 3B 21.18
 10:55 2A 16.95 N/A
 11:00 2C 19.03
 11:05 2B 19.12
 11:10 2A 18.75
 11:56 4B 19.16
 12:05 1A C 19.10
 13:00 1A 18.51

West Vermont
 0800 Probe to 45.3, 21 morden
 18 on C
 Calibrate VSI 650mbs
 Probe 6820
 $pH = 7.00 - 6.55 - 7.00$
 Turbidity = NTU was @ 16.
 Using 100 NTU STANDARD.
 0900 (7AR) Hughes purchased
 0930
 1000 START KIER ATTEMPTED TO EVACUATE
 GW FROM BOTH MW-WES-04A AND 04B.
 NO WATER BEING EVACUATED. POSSIBLE
 PROBLEM IS THE TYPE OF TITAN TUBE.
 START KIER SENT START HUGHES TO MW
 ENV. FOR MASTERTFLEX TUBING. — OR
 1140 START KIER INFORMED OSC LAM THAT
 04A & 04B BOTTOM OF WELLS COULD NOT
 BE REACHED WITH WATER LEVEL
 INDICATOR PROBE. POSSIBLY A LOT OF
 SILT BUILD-UP. OSC LAM MAY HAVE
 MW'S RE-DEVELOPED. — OR
 1203 SAMPLE WVS-MW-WES-04B-062413-GW
 SAMPLE WVS-MW-WES-04B-062413-04S

Rain

WEST VERMONT

6/26/13

STABLE WWS-MWES-062413

SAMPLE WWS-MWES-04B-062413-mso

WATER QUALITY PARAMETERS SOMWHAT

STABLE PRIOR TO COLLECTION OF SAMPLE.

5.5 GALLONS OF GW EVACUATED. — ak

ak

1230 START PERISTALTIC PUMP AT MW-4A — ak

DEPTH OF WELL IS 35', BUT PROBE AND

TUBING CAN ONLY GO DOWN TO 28.5' — ak

PUMP INTAKED AT 28' — ak

BACKNOTES RECOMMENDS TO OSC TO BUY

NEW LOCKS FOR WELLS BECAUSE SOME

LOCKS NOT OPERATIONAL. — ak

OSC INSTRUCTED START TO BUY KEYED-ALIKE
LOCKS. — ak

1317 COLLECTED SAMPLE WWS-MWES-04A-

062413-GW AT MW-04A. APPARENTLY

ENTIRE SCREEN INTERVAL WAS NOT COVERED

BY SICL. — ak

1430 START PUMP AT MW-05A — ak

COLLECTED SAMPLE WWS-MWES-05A-062413-GW

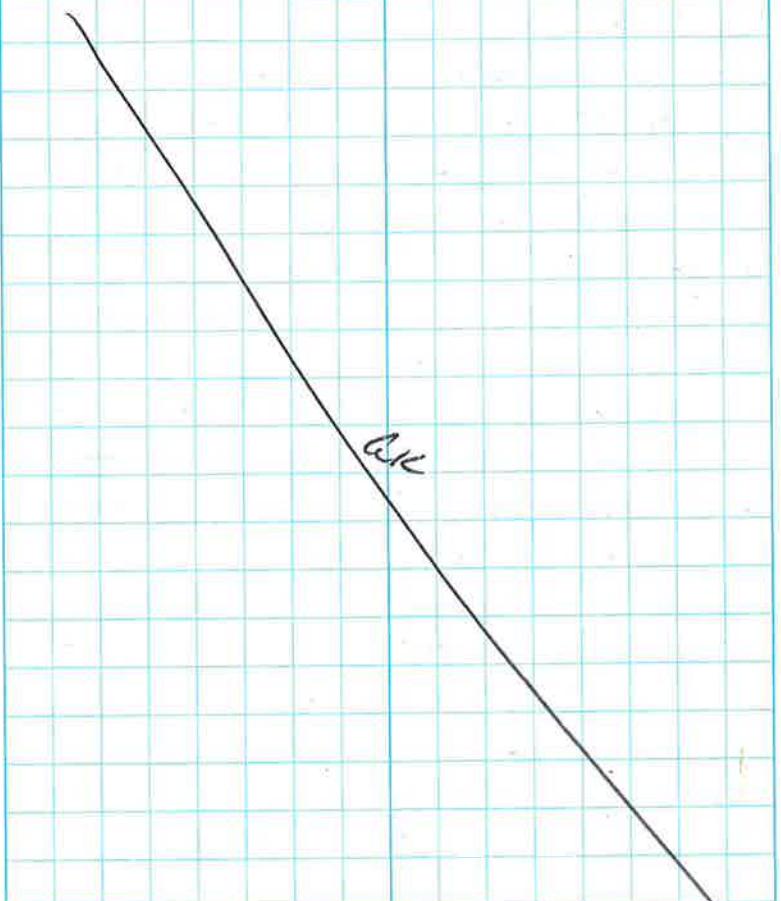
1528 START PUMP AT MW-05B — ak

COLLECTED SAMPLE WWS-MWES-05B-⁰⁶²⁴¹³-GW.

6/26/13

WEST VERMONT ST

1620 START'S RIDE IS HUGHES OFF SICL

FOR THE DAY. SOVSO WEATHER
FORECASTED. — akSTART HUGHES TRANSPORTED SAMPLES
TO LAB (mso) — ak

Rate in the Rain

WEST VERMONT STREET

6/27/13

START KICK CALLS START ERACETR YESTERDAY
AND INFORMED HER THE DATE IN TWO
SAMPLE NUMBERENTRIES ON THE LABELS
AND C-O-C IS INCORRECT. IT SHOULD BE
THE 26TH, NOT 24TH. —
0750 START KICK & START HUGHES AT ^(C) PARCING
LOT OF MEXICAN RESTURANT. H85 MOOTING.
CONTINUE SAMPLING WESTON MONITOREW WELLS
0800 START AT MW-OSC —
0833 START PURGING MW-OSC —
PROBLEMS w/ CALIBRATION OF TURBIDITY, SO
STABILIZATION WILL GO BASED ON VOLUME
EVACUATION AND OTHER PARAMETERS. —
0955 ARRIVED AT MW-OSC AND ^(C) OSC —
1020 START PUMPS FOR PURGE AND SAMPLES
OF MW-OSC. —
WEATHER: SUNNY, SLIGHT WIND, TEMP 78°

1134 START HUGHES RETURNED WITH REPAIRMENT
PERISTALTIC PUMP. OTHER ONE BROKE. —
1145 Q.D. CPM IS PASTURE FLOW RATE —

WEST VERMONT ST

7/1/13

0930 START KICK AT MOOTING PLACE w/
BLOODHOUND (aniso). —

OSC CAM ON SITE —

0945 AT MW-03B. SCREEN 40-45.

BLOODHOUND ABLE TO HIT BOTTOM
OF WELL, HOWEVER WATER COVERED
TAPE STOPPED DOWN 40-41' BES.

PROBE CAN DO w/ GAY SILT. —

1030 OSC CAM, START KICK AND BLOODHOUND
COMPLETED 04A (aniso), NO OBSERVATIONS
IN WELL. WELL 35' DEEP / SCREEN 30-
35'. BLOODHOUND ABLE TO GET DOWN TO
BOTTOM w/ CAMERA, HOWEVER THE
START WATER LEVEL INDICATOR STOPPED
AT 28' (aniso). SAME STOP DEPTH AS
WHEN SAMPLING, OR @ 28'. NO SILT
BUILD-UP ON WATER LEVEL PROBE. —

OSC CAM WANTS WELLS DEVELOPED
AND SAMPLED AGAIN BEFORE OR AT
END OF THIS MONTH. KEITH WILL BE
BUSY w/ OSC CAM AT ^(C) ANOTHER SITE.

1040 START KICK OFF SITE. OSC CAM DID NOT
WANT TO VIEW THE OTHER 2 MW'S (1A +
2C). —

Rite in the Rain

8
 7/23/13 WEST VERMONT CW A.KIEL
 0720 START KIEL AND START ROUSSOS AT
 PARKING LOT OF CLOSOC MOXIEIN GROCERY.
 0722 HANNA TURBIDITY METER RFW 21358
 CALIBRATION OF CO.1 INTU ⁽⁶⁰⁾ WITHIN
 ACCEPTABLE RANGE — GK
 CALIBRATION OF YSI WATER QUALITY METER
 RFW 25583. — GK
 CALIBRATION FOR T = 4.02 TO 4.0 — GK
 " FOR T = 7.08 TO 7.0 — GK
 " " D = 10.08 TO 10.0 — GK
 CONDUCTIVITY 1415 = 887 mS — GK
 0755 ARRIVE AT MW-055 4 — GK
 0815 AT MW-048 WELL (WELL CROW) — GK
 STATIC WATER = 20.70' — GK
 WELL DEPTH = 42.49' — GK
 0835 START COMPRESSOR — GK
 0950 BOTTOM OF MW-048 WAS 28.76' — GK
 COULD NOT GET BLADDER PUMP PAST THE
 28' MARK ON MW-048. AFTER TRYING TO
 FORCE THE PUMP FURTHER DOWN THE
 WELL (^{ON} PAST 28'), THE TOP OF THE BLADDER
 PUMP HAD FILTER SAND ACCUMULATED ON THE
 TOP OF THE BLADDER PUMP. NO VISIBLE
 SILT. — GK

7/23/13 WEST VERMONT CW A.KIEL
 (EN) THE HITTING THE STEEL BOTTOM WITH THE
 STEEL BLADDER PUMP FEET LIKE HITTING
 SAND, NOT SILT OR STEEL BOTTOM OR
 WELL. — GK
 1150 SET-UP AT MW-031, ABLE TO REACH
 BOTTOM OF WELL. NO SILT - BUILD-UP
 ON WATER LEVEL INDICATOR PROBE.
 1250 SAMPLE
 WVS-MWWS-031-072313-⁽⁶⁰⁾ CW
 WVS-MWWS-031-072313-MHS
 WVS-MWWS-031-072313-MSD
 1305 AT MW-033 — GK
 WATER LEVEL PROBE DEPTH WAS 40.3'
 OTG. GRAY SILT "CREEP" / "BUILD-UP"
 ON WATER LEVEL INDICATOR PROBE
 1315 WELL SCREEN 40-45'. BLADDER
 PUMP STOPPED AT 40', SET INHOLE AT
 39' — GK
 1530 ARRIVE AT 05 WELL NOSE — GK
 1649 AT MW-05B (AFTER 05A) — GK
 1740 SAMPLE AT MW-05B — GK
 1800 START MW-05C — GK
 1905 SAMPLE MW-05C — GK
 2135 OFF SITE — GK

10

7/24/13 west vermont gw
0730 ARRIVE ON SITE TO CONTINUE
SAMPLING MONITORING WELLS 02 AND
01.

MW-02A (South) (Screen 24-29)

MW-02B (center) (Screen 35-40)

MW-02C (North) (Screen 40-50)

MW-02A DTW = 19.49 DTB = 45.50' (cm)
MW-02B DTW = 19.75 DTB = 38.25 (cm)

MW-02C DTW = 19.63 DTB = 29.70 (cm)

0745 START ROUSSES CALIBRATE YSI

Z RFW 25583. pH 4 → 4.26, pH 7 →
6.81, pH 10 10.23. cond 1000 - 980.

0817 Start purging well MW-02 C. details
recorded on MW purge log.

0925 collected sample WVS-MWES-02C -
072413 to be analyzed for VOCs.

1001 begin to purge MW-02B details
recorded on MW purge log.

1045 samples WVS-MWES-02B-072413-GW
and WVS-MWES-DUPL-072413-GW
taken from MW-02B.

1125 began to purge MW-02A; details
recorded on MW purge log.

Water is grey in color with small
black particulates. Strong sewer odor.

7/24/13

west vermont gw

Roussos

1225 sample WVS-MWES-02A-072413-GW

1310 pack up equipment, head to drums
→ to dump wastewater.

1415 gauge DTW and DTB on all

MW-WES01 wells:

01A (north) DTB 29.25 DTW 19.67

01B (middle) DTB 35.79 DTW 19.76

01C (south) DTB 54.55 DTW 19.78

All bottoms seemed soft when
hit with water probe. Gray silt
was on the probe when retrieved
from 01C; A+B were clean.Pictures taken at all probes post
gauging.1445 begin to purge MW-01A; details
recorded on sample log.1545 sample WVS-MWES-01A-GW taken.
Note: depth seems appropriate for 01-C;tried using water level meter and sample
pump on 01A + 01B; could not get past
any obstruction. Bottom of both holes
solid but soft.1615 begin to purge WVS-01B; details
recorded on sample log.

Rate in the Rain.

¹²
7/24/13

Westvermont

G. Roussos

- 1715 Sample WWS-mwWES-01B-072413 taken.
 1757 began to purge MW-01C (southern well of the set.) details on purge log.
 1900 Sample WWS-mwWES-01C-072413 taken.
 1945 All equipment & samples packed, depart wells for wastewater drums - waste water drum ~2/3 full, labeled "on hold pending analysis" + "monitoring well purge water". Chained to building.
 2000 START Roussos off site.



¹³
Reference 12

08/20/13

West vermont

Page 8

G. Roussos

- 745 START Roussos arrives in the parking lot at the Mexican Bakery. Begin to set up equipment and CALIBRATE YSI : RFW 25247.
 pH 4 → 3.79
 pH 7 → 6.92
 pH 10 → 10.07
 conductance 1000 → 1420.
 0815 Arrive At Wes-04 A+B. gauge dfb of both wells A (east) = 28.70', B (west) = 42.45'. set up to sample MW-04A
 0910 begin to purge MW-WES-04A.
 1018 Sample WWS-mwWES-04A-082013-GW taken.
 1045 begin to purge from Wes-04B
 1050 YSI Acting strange, reporting values that are incorrect. After resetting the unit + sensors, some appear to be functioning properly - all parameters will be recorded.
 1120 Sample WWS-mwWES-04B-082013-GW collected.
 1200 Arrive At nested wells Nes-03.

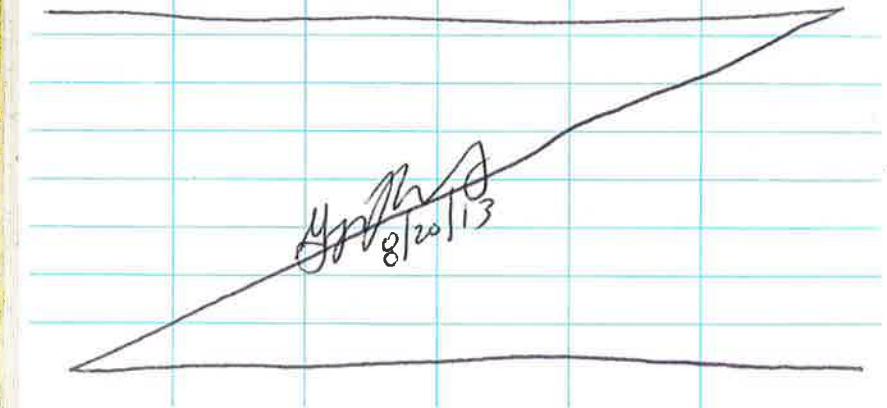
Rite in the Rain.

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8/20/13

West Vermont

G. Roussos

- 1227 begin to purge MW-03A, flow was originally very slow, later increased.
- 1315 sample WWS-mwwes-03A-082013-GW collected, move equipment to 03B.
- 1358 begin to purge WES-03B.
- 1435 collected sample WWS-mwwes-03B-082013. — M
- 1520 All equipment packed, dump purge water in drum at Mexican bakery.
- 1530 Arrive at location mwwes 05
- 1549 Begin to purge mwwes 05 A. — M
- 1645 collected sample from ^{on} mwwes 05A-082013. — M
- 1714 Begin to purge MW WES 05 B. — M
- 1810 collected sample WWS-mwwes-05B-082013
- 1830 START dumped purge water, then off site. — M

M
8/20/13**Reference 12**

West Vermont

G. Roussos

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8/21/13

- 0755 on site @ nested wells Wes 05. set up equipment, calibrate YSI.
- pH 4 → 3.73
pH 7 → 7.10
pH 10 → 9.93
conductivity → 1312
- 0838 Begin to purge from Wes 05 C; After auging depth to bottom, the water level probe came up with grey silt/mud (picture taken).
- 0950 sample WWS-mwwes-05C-082113 — M
- 1020 Arrive at rest of wells Wes-02
- 1040 Begin to purge Wes-02A (northern)
- 1145 WWS-mwwes-02A-082113-GW collected
- 1208 Begin to purge Wes-02B (middle)
- 1310 WWS-mwwes-02B-082113-GW collected
- 1347 Begin to purge Wes-02C (southern)
- 1430 WWS-mwwes-02C-082113-GW collected, well 5' short of full depth, water wouldn't recover enough to keep up with low flow rates. water would not stabilize
- 1500 depart Wes-02 to dispose of purge water
- * Back note: 0950 sample WWS-mwwes -

Rite in the Rain.

16
8/21/13

West Vermont G. Rousos

- Z Dup I - 082113 - GW taken from
MWES - 05C ————— yg
1520 Arrive at nested wells WES-01.
1540 begin to purge WES-01 A (north)
1635 SAMPLE WVS-MWES-01A- 082113-GW
collected. slight oily sheen observed
Z on ^{mg} in purge bucket. ————— yg
1659 begin to purge from WES-01 B
(middles) ————— yg
1748 SAMPLE WVS-MWES-01B-082113-GW
collected. ————— yg
1823 begin to purge MW-01C (south).
1915 SAMPLE WVS-mwes-01C-082113-GW
collected. ————— yg
1945 dump purge water in drums at Mexican
Bakery. Purge water drum very full
(approx 100%) will need replacement
before next round of sampling. ————— yg
2000 START off site. ————— yg

8/21/13

Reference 12

9/10/13

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West Vermont

G. Rousos

- 0800 START Rousos on site @ Mexican
BAKERY. drop off empty drum + secure
to others. Begin to calibrate 451
RFW 25503:
pH 4 → 3.96
pH 7 → 7.17
pH 10 → 10.18
End → 1000 → 1320
0840 Arrive At WES-out nest + begin to
set up ————— yg
0915 Begin to purge MWES-04A ————— yg
1010 SAMPLE WVS-MWES-04A-091013 TAKEN
1034 Begin to purge MWES-04B ————— yg
1120 SAMPLE WVS-mwes-04B-091013 ————— yg
1150 Dump purge water into new drum. ————— yg
1220 Arrive at MWES-03, begin to
set up equipment. ————— yg
1240 begin to purge MW-03A, details
on purge log ————— yg
1330 SAMPLE WVS-MWES-03A-
091013 AND WVS-mwes-DUP1-091013-
1412 begin to purge MW-03B, details on
purge log. ————— yg
1450 SAMPLE WVS-mwes-03B-091013 TAKEN.

Rite in the Rain.

- 9/10/13 West Vermont G. Roussos.
- 1520 purge water dumped into drain.
- 1530 Arrive at mw-wes05 + set up-
- 1554 begin to purge 05A, details on
— purge log. —————— M
- 1655 sample ~~mwes~~^{WES}-mwes-05A-
091013 taken. —————— M
- 1719 begin to purge wes-05B, details
on purge log. —————— M
- 1810 sample WES-mwes-05B-091013 taken.
- 1830 packed up equipment, dump purge
water. —————— M
- 1845 START offsite. —————— M

9/10/13

9/11/13

- 0750 START Roussos onsite at mw-05.
- CALIBRATE YSI pH 4 → 3.88, pH 7 →
7.10, pH 10 → 10.14, cond 2000 → ~~773~~
1130. —————— M
- 812 Begin to purge mw-wes-05C,
— details on purge log. —————— M
- 910 sample WES-mwes-05C-091113
- 930 begin to set up @ wes-02, piece
of compressor tubing (fitting) missing.
— Depart site for replacement. —————— M
- 1237 begin to purge wes-02A. —————— M
- 1330 sample WES-mwes-02A-091113
- 1357 begin to purge wes-02B. —————— M
- 1445 sample WES-mwes-02B-091113
- 1521 begin to purge wes-02C —————— M
- 1610 sample WES-mwes-02C-091113
- 1710 begin to —————— M
- 1800 packed up equipment, dump
— purge water at Mexican Bakery.
set up at wes-01 —————— M
- 1710 begin to purge wes-01A —————— M
- 1805 sample WES-mwes-01A-091113
- 1826 begin to purge wes-01B —————— M
- 1910 sample WES-mwes-01B-091113

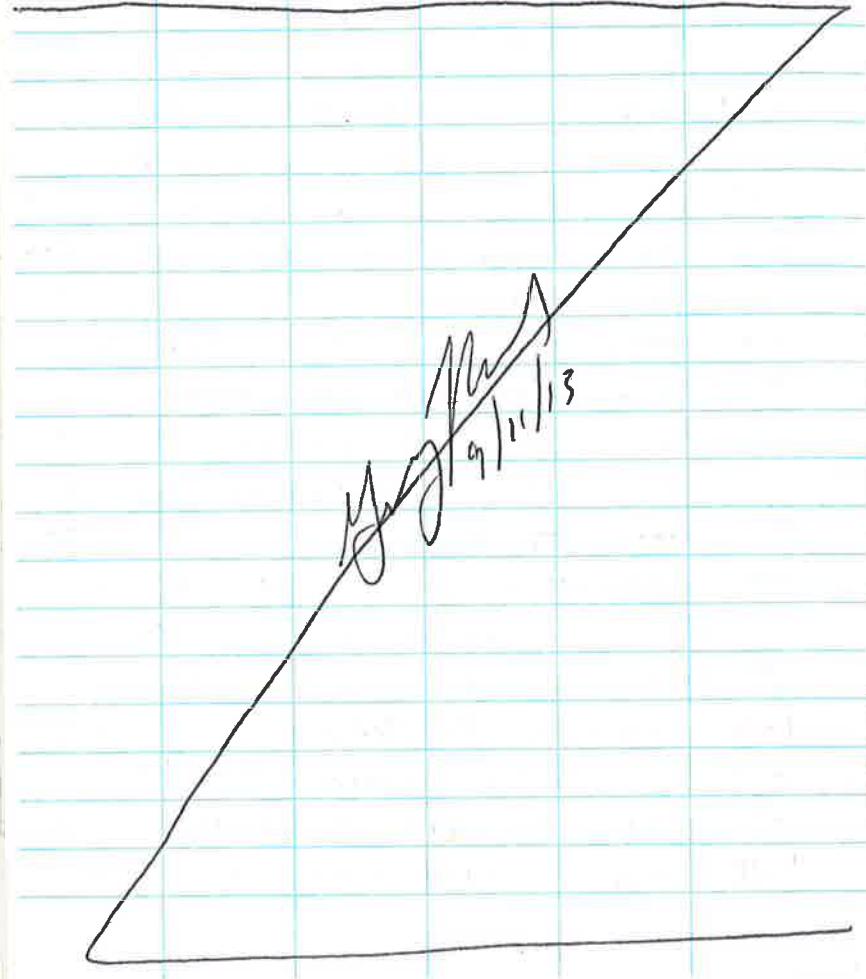
Rite in the Rain.

20
9/11/13

West Vermont

G. Roussos

- 1931 begin to purge wes-01c — ML
- 2010 sample WVS-MWVES-01C-091113
- 2020 begin to pack up all equipment
and dump purge water. — ML
- 2045 off site. — ML



Reference 12

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10/8/13

West Vermont

Reference 12

Page 12²¹

- 0800 G. Roussos on site, begin to calibrate YSI A/H # 1130379
pH 4 → 3.33
pH 7 → 7.11
pH 10 → 9.99

Turbidity meter to be used from
A/H: HACH A/H # 0124896.

- 0815 Arrive at nested wells MWVES 04
0915 Troubles getting pump to purge
— correctly. Begin to purge 04-A.
1022 sample WVS-MWVES-04A-100813-
— GW collected. — ML
1100 begin to purge 04-B, similar
problems purging, very bubbly,
not much water coming out of
pump After flow through cell is
full. — ML
1205 sample MW-WES-04B-GW taken
1300 Arrive at nested pair WES 03.
1330 begin to purge WES-03A.
1427 sample WVS-MWVES-03A-100813-
— GW taken. — ML
1455 begin to purge WES-03B — ML
1532 sample WVS-MWVES-03B-GW taken

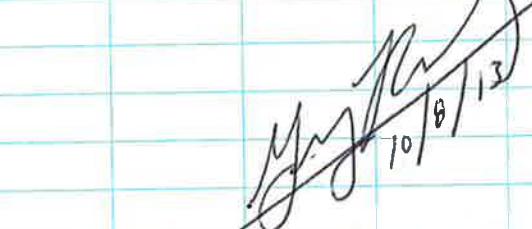
Rite in the Rain.

10/8/13

West Vermont

G. Rousseau

- 1610 dumped purge water @ mexican bakery
 1615 Arrive A-1 MWWS-05 set.
 1645 begin to purge MWWS-05A.
 1727 Sample WWS-MWWS-05A-100813-GW
 1800 begin to purge 05B — ESR
 1847 Sample WWS-MWWS-05B-100813-GW
 1915 dump purge water @ Mexican bakery. Talked with neighbor, someone has purchased the building and is currently finding reptirs.
 2000 Shipment to ALS Holland dropped to fedex - samples for dissolved gasses, 24hr TAT. — ESR



10/8/13

10/9/13

Reference 12t

Page 13⁰⁵

- 0800 on site @ WES-05 — MN
 0815 begin to purge MWWS-05C
 0937 Sample WWS-MWWS-05C —
 — 100913-GW — — MN
 1000 dump purge water @ waste drums.
 1035 begin to purge MWWS-02A
 1125 Sample WWS-MWWS-02A-100913-GW
 1153 move to 02B, begin to purge
 1252 Sample WWS-MWWS-02B-100913-GW
 1257 begin to purge 02C, draw down
 — observed sewage odor. — MN
 1330 Sample WWS-MWWS-02C-100913-GW
 1400 dump purge water at bakery.
 1450 begin to purge from WES-01A
 1542 Sample WWS-MWWS-01A-100913-
 — GW collected. — ESR
 — Extra sample was included for
 MS/MSD analysis — MN
 1615 begin to purge WES-1B. — MN
 1712 Sample WWS-MWWS-01B-100913-
 — GW and WWS-MWWS-DUP1-100913-
 — GW collected. — MN
 1748 begin to sample WES-01-C. — MN
 1827 Sample WWS-MWWS-01C-100913-

10/9/13

West Vermont

G. Roussos

- GW collected — 12
1900 Arrive at Mexican Bakery to dump
Purge water. Worker on site has
me speak with the property owner
"Devin" via cell phone. Devin wants
the drums off the property and
wants nothing to do with sampling.
He is trying to open the store
next week. His phone number is:
317-730-5731. — 12
1930 Samples on ice to FedEx to
ALS & drop off at PACE — 12

MJA 10/10/13

10/30/13

West Vermont

Reference 12

G. Roussos

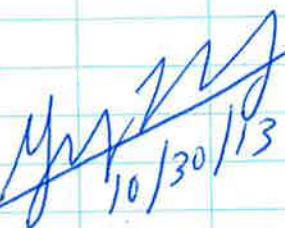
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- 0900 START FRANK Broadway and
Greg Roussos onsite. Weather:
overcast, heavy fog, 50°F.
Begin to Grange wells while
waiting for FedEx to deliver
equipment. — 12
0930 WES-05 A, B, +C depth to
bottom and water level gauged.
Notified equipment is at OSC Lam's
office, depart to retrieve
equipment. — 11
1130 All transducers set up, synced,
ready to be deployed. Depart
office. — 12
1230 begin to deploy transducers
at WES-05B. — 12
1530 All transducers set in WES-05B
+C, O2 b+c, O1 b+C, MW-
170 D, + MW-178 D. Frank
West (Environ; 317-531-5172)
was on site beginning with WES-
O2 B and OSC Lam departed
early, after O1 B. — 12
Depart site to purchase 1"

Rite in the Rain

26

- 10/30/13 West Vermont G. Roussos
 threaded PVC. From Earth Exploration
 All details from placing transducer
 recorded on separate log. — MR
 1630 Arrive at 4012 Cossel Rd.
 (residential well) Resident not
 home. OSC Lam gave permission
 to continue. — MR
 1730 Was not able to get waterlevel
 indicator past 4' in well. A protective
 plate is blocking access. Leave
 this residence, we do not try to
 Alter pump/housing. Find open
 well at 4020 W. Vermont, OSC to
 Lam with request access. — MR
 FB & GR depart site. — MR



10/30/13

11/1/13

- West Vermont G. Roussos
 START G. Roussos & K. Hughes
 on site at Mexican Bakery. Move
 to 4020 W. Vermont. Decon
 waterlevel meter from 0-100'.
 Measure depth to bottom;
 approx. 14', less than ~2 inches
 of water in 'well'. — MR
 1100 At WES-05, download B+C
 — Battery in B = 81% — MR
 1115 At WES-02, download B+C
 — Battery B = 64%, C = 49% — MR
 1124 At WES-01, download B+C
 — Battery B = 69%, C = 68% — MR
 1138 At MW-170D, download, battery
 = 80% — MR
 1145 At MW-168D, download, battery
 = 70% — MR
 ** backnote ** 10/15 spoke with Frank
 West from Environ, he knows we are
 on site today & will be until after
 visiting their wells. — MR
 1206 Spoke with PM F. Beodray,
 — I will place transducer into

Rite in the Rain

28 11/1/13

West Vermont G.Roussos

- Z Wes-03B since 4026 residential
well is too shallow / dry. — *m*
- 1230 At Wes-03B, DTW = 23.08',
dTB = 40.00'. Place transducer
at 39'. Details recorded on
separate log. — *m*
- 1300 Called Frank West, informed
him that water level in MW-
170D was just below PVC
casing. And 168D was ~2"
below PVC. He requested that
I inform him when onsite
Monday. — *m*
- 1330 Drop off rugged reader PDT
At the office of OSC Lam.
offsite. — *m*



11/4/13

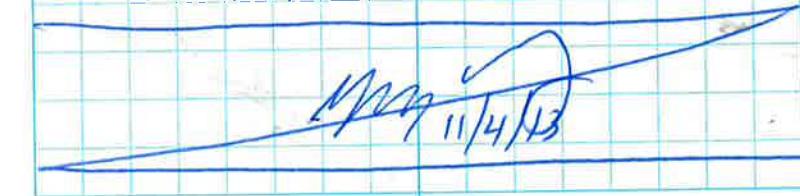
West Vermont

G.Roussos

- 1049 on site at West Vermont MW-
WES-05 nest. called Frank
West (Enviro), he will not visit
the site today but would like
an update of the status of their
wells. — *m*

TIME	WELL	BATTERY	DTW
1052	05B	79%	19.36
1054	05C	81%	18.83
1102	02B	64%	20.49
1105	02C	49%	19.74
1109	01B	69%	20.70
1112	01C	68%	20.31
1120	170D	80%	21.36
1125	167D	70%	18.23
1130	03B	71%	22.84

- 1210 return rugged reader to
OSC Lams office & send all
downloaded data. — *m*



Rate in the Rain.

11/6/13 West Vermont G. Roussos

0930 G. Roussos & Elmer Yanwagner

gathering equipment & drums.

Z Discuss plan for the day — → M

1115 — on site, Elmer leaves to gather
remaining drums. — → M

1119 water level WES-01C 19.83,

— remove transducer, insert pump

1125 water level WES-01C 18.61 w/

— pump & transducer. — → M

1139 Watlev 05b 19.49 — → M

1141 Watlev 05c 18.94 — → M

1143 Watlev 02b 20.51 — → M

1145 Watlev 01b 20.70 — → M

1147 Watlev 01c 20.38 — → M

1158 OSC LAM onsite. — → M

1157 Watlev 02c 18.65 — → M

1213 Watlev 02c, start pump — → M
Z Elmer J. is going to record wat
lev. from pumping well on separate
log. — → M

1216 well/pump not pumping, only

Z 2-3 gallons purged. Recovering
at approx 0.21/min. — → M

1238 Watlev 01b 21.62 w/ pump

— And transducer — → M

11/6/13

Reference 12

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1240	start pump	—	→ M
1251	1 GPM flow achieved (1 min 2 sec / gallon)	—	→ M
1258	Watlev 02B	20.51	—
1300	02C	34.50	—
1304	01C	20.40	—
1323	02B	20.50	—
1324	02C	33.47	—
1327	01C	20.40	—
1350	02B	20.50	—
1351	02C	30.77	—
1353	01C	20.40	—
1354	begin to adjust flow	—	→ M
1358	3 gpm Achieved (20.5 sec/gallon)	—	—
1405	Watlev 02B	20.51	—
1407	02C	29.45	—
1409	20.40	01C	—
1432	02B	20.50	—
1434	02C	27.60	—
1436	01C	20.40	—
1459	turned pump off to see recharge	—	→ M
1500	water level 01B → 20.65, holds Steady for 10 min.	—	→ M

Rate in the Rain

11/6/13

West Vermont

G. Roussos

- 1507 start pump — M
 1509 Achieve 5 gAI/min (12.5 sec/gallon)
 1517 water level 02B 20.50
 1518 ↓ 02C 25.10
 1519 ↓ 01C 20.40
 1520 pump suddenly stopped Well dry?
 1522 restart pump, water level low,
 — hard to get readings in 01B.
 1614 pump off — M
 1619 water level 02T 01B → 20.70
 1627 water level 01C 20.67 with
 — transducer, no pump. — M
 1629 water 01C 19.08 w/pump and
 — transducer. — M
 1630 start pump, Approx .5 gAI/min
 1633 water 01C 34.20
 1634 water 01C 35.95 now at
 — approx 1 gAI/min — M
 1641 water stopped, well dry? — M
 1645 not able to detect any recharge,
 clean up all equipment. OSC
 LAM off site. 10 drums left at
 01B, labeled. OSC LAM emmis various
 emergency responders about the
 drums. — M
- 7

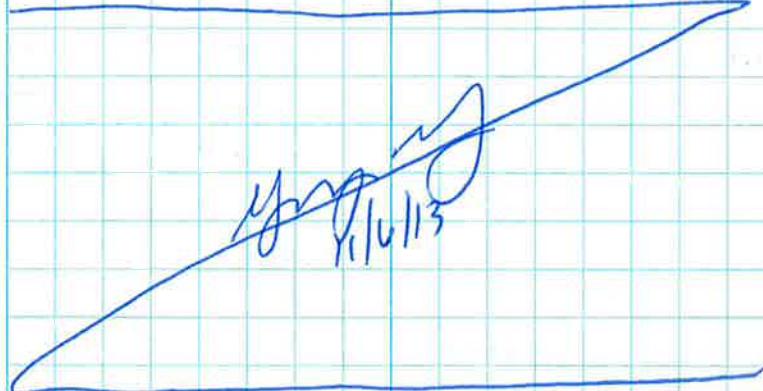
11/6/13

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44 BACKNOTE: Elmer V. off site at
 1615 to return unused drums and
 drop off signed manifest at EA.

- 1700 Begin to download data
 from transducers. — OSC
 1703 170D 80% 21.40
 1707 167D 70% 18.39
 1713 05B 79% 19.46
 1715 05C 81% 18.94
 1722 03B 71% 22.89
 1727 02B 64% 20.51
 1729 02C 49% 21.47
 1733 01B 69% 20.72
 1738 01C 68% 24.05
 1740 offsite — M



Rite in the Rain

34
11/8/13

West Vermont G. Rousso's

10410	onsite, spoke with Frank West,
10413	he requested I update him after viewing Enviro's wells.
10413	03-B 71% 22.90
10413	44 pulled the transducer up; depth changed accordingly.
1055	05-B 79% 19.49
1058	05-C 81% 18.94
1104	02-B 64% 20.57
1107	barometer installed in 02-B
	Barro 75% —
1110	02-C 49% 19.88
1116	01-B 69% 20.70
1121	01-C 68% 20.45
1130	17-D 79% 21.40
1134	16-D 70% 18.40
1140	off site —

11/8/13



Reference 12

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11/11/13

West Vermont

G. Rousso's

1230	on site, will meet Mundell at 1300, citizens energy water might be calling this afternoon as well, begin to pull transducers.
1240	03-B 71% 22.88
1320	Met with Sam from Mundell and Associates, began to open all wells.
1342	44 05-A, taking water levels now. Transducers still in wells, will remove after.
	SAM informs me citizens already came by, will let me see report after water levels are complete.
1415	complete all water levels; citizens LEL numbers: MGW 5D = 30%, MGW 8S = 0%, MMW 12S = 37% Mundell off site.
1435	05-B 79% 19.56
1440	05-C 81% 19.05
1453	02-B 64% 20.53
1456	barro 75% —
1459	02-C 49% 19.97
1510	01-B 68% 20.70

Rate in the Rain

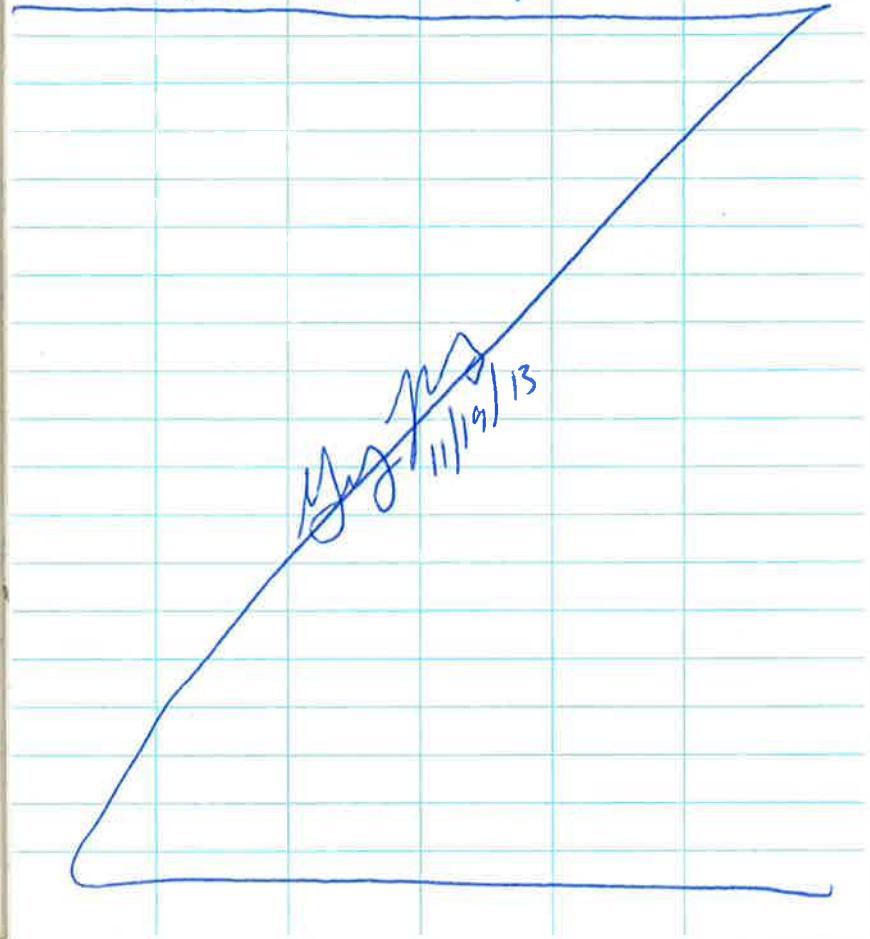
³⁶
11/11/13 West Vermont G. Rousseau
 1512 48% 01C 20.44
 1528 1700 79% 21.41
 1538 1640 70% 18.49
 — offsite — —



- 11/19/13 W. Vermont G. Rousseau
 0830 met with Norman Berry (317)
 — 248 - 1440 at the speedway
 WW plant, he showed where we
 can stage drums. — →
 0845 Begin to calibrate HAZCO YSI
 — S/N 0516531 — →
 pH 10 → 9.50
 pH 7 → 7.48
 pH 4 → 3.81
 0905 Begin to set up on 24B — →
 0934 Begin to purge 04A, 1045
 — of bubbles, hard to get steady
 flow — →
 1030 SAMPLE WWS-mwwes-04A-111913-GW
 1057 begin to purge 04B. — →
 1133 SAMPLE WWS-mwwes-04B-111913-GW
 1200 PACK up, dump purge water at
 — WW plant. — →
 1257 Begin to purge 03A. — →
 1342 SAMPLE WWS-mwwes-03A-111913-GW
 1355 Begin to sample purge 03B, extremely
 — draw down. — →
 1432 SAMPLE WWS-mwwes-03B-111913-GW
 1500 dump purge water @ WW plant,

Rite in the Rain.

11/19/13 West Vermont G.roussos
 move to 05 nest. — xR
 1520 begin to purge WES-05A. — xR
 1557 sample WVS-mwes-05A -111913-GW
 1620 begin to purge WES-05B — xR
 1657 sample WVS-mwes-05B -111913-GW.
 1730 equipment packed up. off site. — xR



11/20/13 West Vermont G.roussos
 0800 on site at wes-05 nest.
 0832 begin to purge WES-05C,
 2 sampling team is sampling
 Environ's MW -167 — xR
 0923 sample WVS-mwes -05C-112013-GW
 0945 dump purge water at WW plant.
 1028 begin to purge 02-A. — xR
 1114 sample WVS-mwes-02A-112013-GW
 1136 begin to purge 02-B — xR
 1207 sample WVS-mwes-02B -112013-GW
 1232 begin to purge 01-C — xR
 1302 sample WVS-mwes-02C-112013-GW
 — significant draw down observed.
 1330 pack up equipment, dump purge
 water at WW plant — xR
 1411 begin to sample 01-A — xR
 1517 sample WVS-mwes-01A-112013-GW
 1643 begin to purge 01-B — xR
 1647 sample WVS-mwes-01B-112013-GW
 1641 begin to sample 01-C — xR
 1714 sample WVS-mwes-01C-112013-GW.
 And WVS-mwes-DUP1-112013-GW.
 1745 packed up & off site. — xR

Rite in the Rain.

40

- 12/11/13 WEST VERMONT GROUSSOS
 1110 START G. ROUSSES AT SITE. WEATHER:
 MID 20'S WIND ~5 MPH FROM EAST.
 BEGIN TO CALIBRATE YSI HAZCO #
 0003183. ————— m
 spec. cond. 4.419 → 4.954
 pH 4 → 3.73 ————— m
 pH 7 → 6.99 ————— m
 pH 10 → 10.25 ————— m
 PACK UP, HEAD TO WES-C-A PAIR.
 1130 BEGIN TO SET UP ON OCT-A. ————— m
 1151 BEGIN TO PURGE OCT-A. ————— m
 1250 COLLECTED SAMPLE WVS-MWNES-04A-
 — 12/11/13-GW; FOR VOC + DISSOLVED GAS.
 1320 BEGIN TO PURGE WES-C-A-B. ————— m
 1355 COLLECTED SAMPLE WVS-MWNES-04B-
 — 12/11/13-GW. ————— m
 1430 dumped purge water @ WNTP ————— m
 1505 BEGIN TO PURGE WES-03A. ————— m
 1550 COLLECTED SAMPLE WVS-MWNES-03A-
 — 12/11/13-GW. ————— m
 1621 BEGIN TO PURGE WES-03B. ————— m
 1720 SAMPLE WVS-MWNES-03B-12/11/13-GW
 — COLLECTED ————— m
 1735 EQUIPMENT PACKED UP, OFF SITE. ————— m

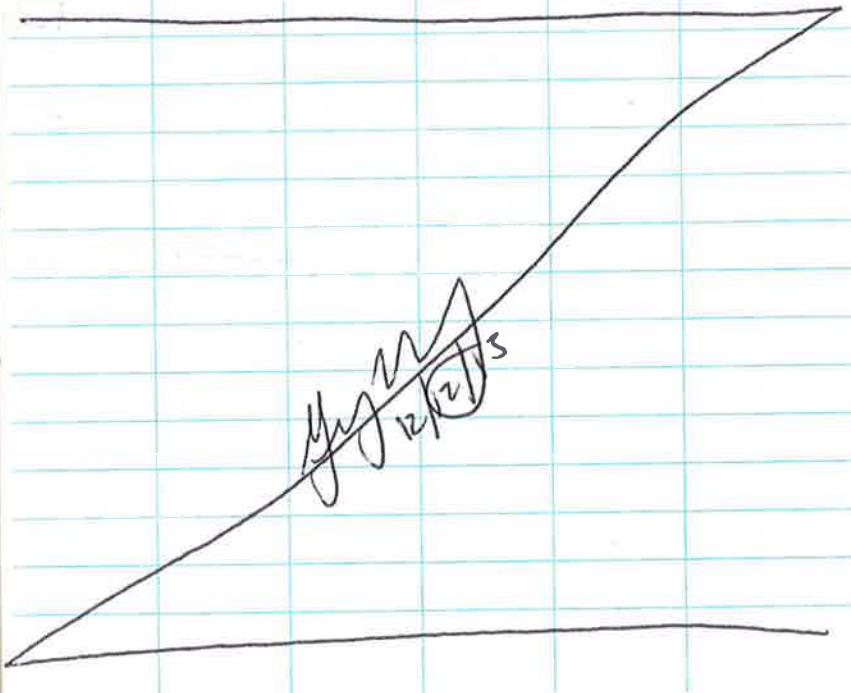
- 12/12/13 Reference 12 Page 22
 0730 START ROUSSOS ON SITE AT
 WES-05. WEATHER ~5°F, HIGH
 OF 23°F TODAY. BEGIN TO SET
 UP EQUIPMENT. ————— m
 810 QED MP10 PUMP CONTROLLER NOT
 FUNCTIONING PROPERLY. SPOKE
 WITH JENNIFER AT HAZCO, SUGGESTED
 HEATING UNDER FLOOR BOARD CAR
 HEATER. PLACED IN CAR, HEAT ON
 FULL ————— m
 840 MP10 STILL NOT WORKING, SPOKE
 WITH CARROL AT HAZCO, SHE OFFERED
 A REPLACEMENT TOMORROW MORNING.
 845 CALLED PINE ENVIRONMENTAL
 THEY HAVE NO MP10'S IN STOCK
 OR ANY OTHER BLADDER PUMPS
 900 INFORMED PM FRANK BEODRAY
 OF SITUATION. IT WAS DECIDED
 TO PACK UP AND COME BACK
 MONDAY TO FINISH. ————— m
 930 GREG FROM EARTH EXPLORATION
 SHOWED UP. THEY ARE IN THE
 AREA INSTALLING MONITORING
 WELLS. ————— m

Rite in the Rain

42
12/12/13

WEST VERMONT G ROUSSOS

- 1015 OBSERVED EARTH EXPLORATION
 ↗ INSTALLING WELLS FOR MUNDEL
 ACROSS MICHIGAN FROM THE
 PLAZA, IN FRONT OF APARTMENTS.
 1030 SPOKE WITH NORMAN BERRY
 FROM SPEEDWAY WWTP, HE MAY
 BE ABLE TO DISPOSE OF OUR
 PURGED WATER, WILL SEND
 ANALYTICAL DATA TO HIM —
 1040 OFF SITE TO DROP OFF SAMPLES
 & RETURN PUMP TO HAZCO —

42
12/14/13

Reference 12

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12/14/13

WEST VERMONT G ROUSSOS

- 1145 START ROUSSOS ON SITE, DROPPED
 OFF EMPTY DRUM AT WWTP.
 WEATHER: OVERNIGHT SNOW COVERS
 GROUND, TEMP ~ 20°F. BEGIN
 TO CALIBRATE 4SI. —
 SPEC. COND — 4462 → 4.49
 pH 4 → 4.43
 pH 7 → 6.48
 pH 10 → 10.45
 1200 SET UP EQUIPMENT ON OSC-A.
 1230 PUMP CONTROLLER NOT FUNCTIONING
 PROPERLY, AIR NOT DISCHARGING.
 ↗ CALLED HAZCO, SUGGESTED I
 DROP CONTROLLER FROM 2-3'. CONTROLLER
 WORKS NOW. —
 1235 BEGIN TO PURGE WES-05A. —
 1317 COLLECTED SAMPLE WVS-MNWES-OSC-
 — 121613-GW —
 1345 BEGIN TO PURGE WES-05B. —
 1447 COLLECTED SAMPLE WVS-MNWES-
 — 05B-121613-GW —
 1515 BEGIN TO PURGE WES-05C —
 1604 COLLECTED SAMPLES WVS-MNWES-
 — 05C-121613-GW —

Rate in the Rain.

12/17/13

WEST VERMONT G. ROUSSOS

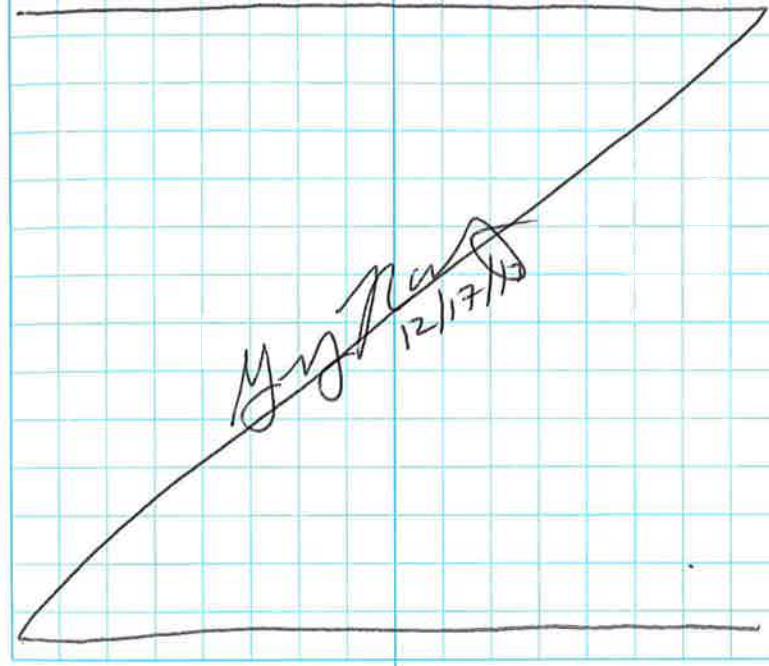
- 0700 START ROUSSOS ON SITE, BEGIN
TO SET UP ON WES-02 —
CALIBRATE 4SI WITH PH AND CONDUCTIVITY
STANDARD SOLUTIONS — MR
- 0733 BEGIN TO PURGE MW-WES02A.
- 0823 COLLECTED SAMPLE WVS-MWNWES-
02A-121713-GW — MR
KEEPING THE PUMP CONTROLLER
IN CAR FLOORBOARD UNDER HEAT
TO KEEP FROM FREEZING. — MR
- 0852 BEGIN TO PURGE WES-02B — MR
- 0932 COLLECTED SAMPLE WVS-MWNWES-
02B-121713-GW — MR
- 1002 BEGIN TO PURGE WES-02C — MR
- 1045 COLLECTED SAMPLE WVS-MWNWES-
02C-121713-GW. — MR
- ~~1120 PURGE~~^{ON} — MR
- 1120 PURGE WATER DUMPED AT WWTP.
- 1130 BEGIN TO SET UP ON WES-01A.
- 1152 BEGIN TO PURGE WES-01A. — MR
- 1255 COLLECTED SAMPLE WVS-MWNWES-
01A-121713-GW AND EXTRA JARS
FOR MS/MSD. — MR
- 1323 BEGIN TO PURGE WES-01B.
- 1418 COLLECT SAMPLE WVS-MWNWES-

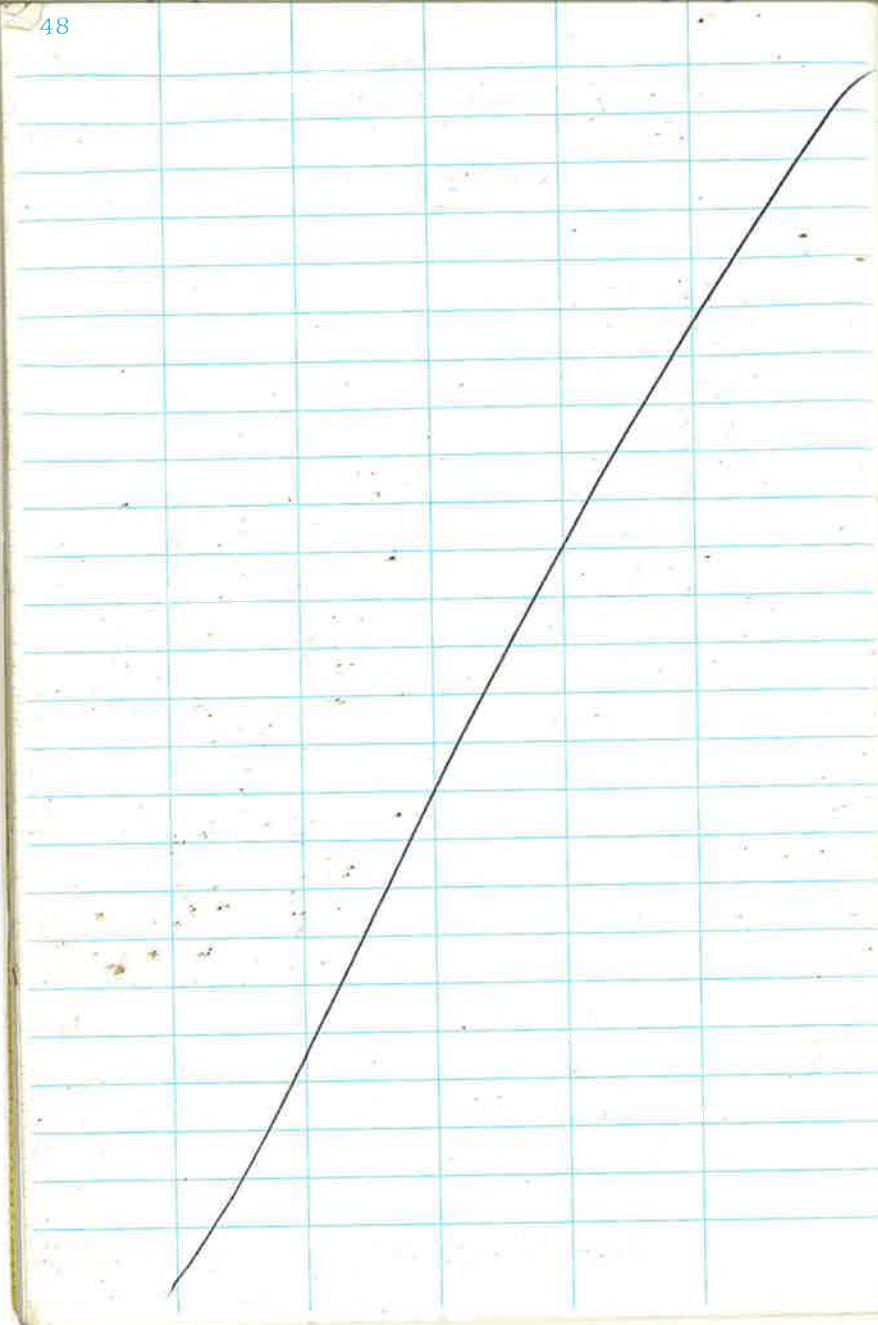
12/17/13

Reference 12

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- 01B-121713-GW AND WVS-MWNWES-
DUP1-121713-GW. — MR
- 1444 BEGIN TO PURGE WES-01C — MR
- 1533 COLLECT SAMPLE WVS-MWNWES-
01C-121713-GW. — MR
- 1600 PURGE WATER DUMPED AT
WWTP, APPROX 1.5 drums OF
WATER PRESENT. OPPOSITE TO
DROP SAMPLES AT THE LAB &
DEMO'S. — MR





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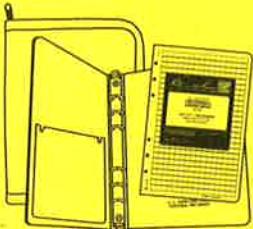
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JOURNAL

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West Vermont PRP 05

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S05-0001-1205-013

01/20/2014 -



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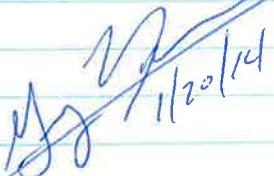
CONTENTS		
PAGE	REFERENCE	DATE
	OSC Shelly Lam (317) 417-0980	
	START KIETH Hughes (618) 922 9985	
	Chris Ferguson (ENVIRON) (317) 946-0958	
	FRANK West (ENVIRON) (317) 531-5172	
	MARJORIE McCARTNEY (ENVIRON) (319) 621-4991	

- 1/20/14 W-VERMONT PRE G-ROUSSOS
- 0800 START KIETH HUGHES & GREG
ROUSSOS ON SITE. SNOW COVER
ON GROUND TEMP IN LOW
30'S. WILL BEGIN ON WELLS OUT
A/B.
- 0820 BEGIN TO CALIBRATE 451 RFW #
25582 WITH STANDARD PH
SOLUTIONS.
- pH 4 → 3.26
- pH 7 → 7.36
- pH 10 → 9.78
- cond 1000 → 1387
- KH CLEANING / OPENING WELLS AND
TAKING INITIAL MEASUREMENTS.
- 0853 BEGIN TO PURGE WES-04A, READ
INHS RECORDED ON FIELD SHEET.
- 0943 SAMPLE WVS-mnwes-04A-012014-GW
collected.
- 1011 BEGIN TO PURGE WES-04B.
- 1103 SAMPLE WVS-mnwes-04B collected
- 1130 PACK UP EQUIPMENT, DUMP PURGE
WATER AT WWTP.
- 1159 BEGIN TO PURGE WES-03A.
- 1240 SAMPLE WVS-mnwes-03A-012014-GW
COLLECTED.

Rate in the Rain

1/20/14

- 1315 BEGIN TO PURGE MW-MWES-03B.
— DETAILS RECORDED IN FIELDSHEET.
- 1348 SAMPLE WWS-MWES-03B -012014-
— GW COLLECTED
- 1420 PACK UP EQUIPMENT + DUMP
— PURGE WATER
- 1510 SET UP + BEGIN TO PURGE WES-
— 05-A.
- 1610 SAMPLE WWS-MWES-05A -012014-GW
- 1635 BEGIN TO PURGE WES-05B
- 1718 SAMPLE WWS-MWES-05B -012014-GW
— COLLECTED.
- 1745 ALL EQUIPMENT PACKED. START
— OFF SITE.



1/20/14

- 1/21/14 W. VERMONT PRP
- 0735 START ROUSSOS ON SITE,
— WEATHER: 14°F, WIND CHILL OF
— -6°F. WINDS ~20 MPH 3" OF
— SNOW FELL LAST NIGHT.
- 0745 START K. HUGHES ON SITE,
— DUMP PURGE WATER AT WWTP
- 0815 BEGIN TO SET UP ON 05-C
- 0917 ABLE TO PURGE FROM 05-C,
— WATER WAS FREEZING 2' AFTER
— COMING OUT OF WELL. 451 HAND
— HELD, PUMP CONTROLLER + TURBID
— ITY METER INSIDE CAR TO
— PREVENT FREEZING.
- 1020 COLLECT SAMPLE WWS-MWES-
— 05C - 012114-GW
- 11 BACKNOTE: SEEMS WATER LEVEL METER
— ISN'T WORKING.
- 1040 DUMP PURGE WATER AT WWTP,
— SET UP ON WES-02.
- 1213 BEGIN TO PURGE WES-02A.
- 1312 COLLECT SAMPLE WWS-MWES-02A-
— 012114-GW.
- 1415 BEGIN TO PURGE 02B.
- 1430 TUBING FROZE, CLEAR, RESTART
— PURGING.

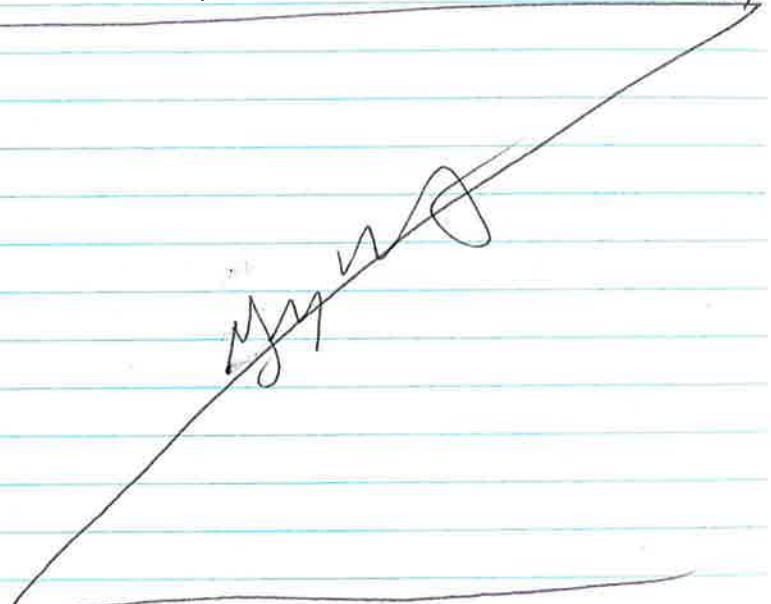
Rate in the Rain

01/24/14 W-VERMONT PRP G.Roussos
 1510 COLLECT WVS-MWVES-02B-
 — 01/21/14-GW M
 1550 BEGIN TO PURGE NES-OSC
 1630 SAMPLE WVS-MWNGS-05C-
 — 01/21/14-GW COLLECTED. M
 1700 ALL EQUIPMENT PACKED UP,
 — START DEPART SITE. M

MJH 01/21/14

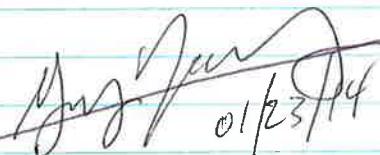
1/22/14 W-VerMONT PRP G.Roussos
 0800 DUMP PURGE WATER AT WWS.
 0805 ON SITE AT MICHIGAN PLAZA
 — WITH CHRIS FRANCISON (ENVIRON)
 — GOING TO START WITH MW 175
 0820 SET UP ON MW 175 M
 0840 CALIBRATE YSI:
 Z pH 4 → 3.34
 Z pH 7 → 6.75
 Z pH 10 → 10.03
 0845 OSC CAM + CARMINE w/ IDEM
 Z ON SITE TO GAIN ACCESS TO
 PROPERTY FOR DRILLING M
 0949 SEVERE ISSUES WITH TUBING
 FREEZING / PUMP NOT PURGING
 BLADDER REPLACED, TUBING
 REPLACED, AIR HOSE FROM
 CONTROLLER BOX TO GREY
 TUBING IS FROZEN. NEED TO
 WAIT FOR THAW. M
 1005 BEGIN TO PURGE 174-D
 1105 SAMPLE WVS-MW-174D-012214-GW
 Z TO BE ANALYZED FOR METHANE,
 ETHANE, ETHANE. M
 1156 BEGIN TO PURGE 174-S, DETAILS
 — RECORDED ON FIELD LOG M
Pete in the P

1/22/14 W. VERMONT PRP G.Roussos
 1300 SAMPLE WVS-mw-174S -012214-GW
 — COLLECTED. — in
 1430 ALL NEW WELL LOCATIONS MARKED
 — 9-10' WIDE GATE RESTRICTING
 — ACCESS TO BACK YARD. — in
 1450 BEGIN TO PURGE MW-175-S.
 1600 COLLECT SAMPLE WVS-mw-~~175S~~
 — MW-175S -012214-GW. — in
 1630 BEGIN TO PURGE MW-175-S.
 1730 COLLECT SAMPLE WVS-mw-175
 — D-012214-GW. — in
 1755 PACK UP EQUIPMENT, START
 — OFF SITE. — in



1/23/14 W. Vermont PRP G.Roussos
 0800 START G.Roussos & K. Hughes
 ON SITE. @ MICHIGAN PLAZA.
 G. ROUSSOS DUMP PURGE WATER
 AT WWTP. NORMAN SAYS WE
 CAN DUMP PURGED WATER INTO
 ONSITE MANIFOLDS AFTER
 THEY RECEIVE ANALYTICAL DATA.
 0820 ON SITE AT MW-170, WELLS
 ARE BROKEN OVER, Chris Ferguson
 (Envion) OPENING WELLS FOR DOOM
 & WILL TRY TO CHIP AWAY ICE.
 OSC LAM INFORMS START THAT
 WELLS ON G.P. PROPERTY ARE THE
 PRIORITY, THE ONES FURTHER OUT
 MAY BE OK TO SKIP & SAMPLE
 FOR DISSOLVED GAS FROM BORINGS
 OF NEW WELLS. — in
 0915 BEGIN TO PURGE MW-170-S.
 ** BACKNOTE ** START K HUGHES
 CALIBRATES YSI w/ STANDARDS pH
 SOLUTIONS. — in
 1025 SAMPLE WVS-mw-170S-012314-
 — GW COLLECTED. — in
 1120 BEGIN TO PURGE 170-D. — in
 1220 COLLECT SAMPLE WVS-mw-170D-
 — 012314-GW — in *return later*

01/23/14 W-Vermont PRP G.Roussos
 1345 ARRIVE @ MW-168-S, NOT
 ENOUGH WATER IN WELL
 TO PUMP / SAMPLER — m
 1415 BEGIN TO PURGE 168-D — m
 1454 SAMPLE WWS-MW-168-D-0123
 — 14-GW. — m
 1500 CALL CHRIS FURGUSON (ENVIRON)
 TO INFORM HIM WE ARE MOVING
 TO MW-166 — m
 1540 ARRIVE @ MW-166, CAR IS
 PARKED ON BOTH SITES OF
 WELLS, UNABLE TO SAMPLE
 CALL C-Ferguson, SUGGESTS
 WE HEAD TO MW-145 — m
 1630 UNCOVER MW-145, DECIDE TO
 WAIT UNTIL TOMORROW TO
 BEGIN TO PURGE THE ONSITE
 WELLS. — m
 1645 START ENVIRON OFF SITE
 WILL MEET AT 0830 TOMORROW

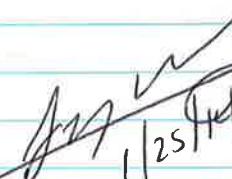

 01/23/14

1/24/14 WEST VERMONT PRP G.Roussos
 0750 ONSITE WI MATT w/ BLOOD
 HOUND - DISCUSS + SHOW ALL
 POINTS. HE WILL CALL WHEN
 COMPLETED — m
 0820 ON SITE WAITING ON THE
 — ENVIRON CONTRACTOR. — m
 0825 CHRIS (ENVIRON) UNLOCKS
 GATE + UNCOVERS WELLS. HE
 WILL NOT BE ON SITE TODAY
 MARJORIE McCARTNEY (ENVIRON)
 WILL OVER SEE WORK TODAY.
 0920 BEGIN TO PURGE MW-145,
 — DETAILS RECORDED ON FIELD
 LOG. — m
 1020 COLLECT SAMPLE WWS-MW-145
 — 012413-GW. — m
 1030 START K. HUGHES TOOPEN +
 GAUGE MW160. THE WELL IS
 LOOSE + ORANGE CAP BROKE
 WHEN TRIED TO OPEN. THE
 — m
 THE WELL IS ABLE TO TURN,
 MARJORIE / ENVIRON NOTIFIED
 + THEY SUSPECT THE SEGMENT
 OF PVC BECAME UNSCREWD.
 NOT ABLE TO SAMPLE THIS WELL.

Piston well

01/24/14 W.VERMONT PRP G.ROUSSOS
 1100 UNABLE TO OPEN MW-161,
 2 MARJORY & OSC LAM SUGGEST
 TO SAMPLE MW 148-R. —
 1145 ABLE TO LOCATE & DIG UP
 — 148-R. —
 1209 BEGIN TO LOCATE PURGE
 — MW-148-R —
 1245 COLLECT SAMPLE WUS-MW-
 — 148R-012413-GW —
 1300 DEPART SITE FOR LUNCH &
 — DUMP PURGE WATER AT WUSTP.
 * BACKNOTE: BLOODHOUND COMPLETED
 ALL LOCATIONS PLUS NEW LOC. AT
 FUNERAL HOME. ALL LOCATIONS CLEAR,
 UTILITIES NEAR FUNERAL HOME
 LOCATION. —
 1345 ARRIVE AT MW-166, PREPARE TO
 — PURGE 166 S + D. —
 1415 BEGIN TO PURGE MW-166 S
 1510 COLLECT SAMPLE WUS-MW166S-
 — 012413-GW —
 1537 BEGIN TO PURGE MW 166-D.
 1635 COLLECT SAMPLE WUS-MW166D —
 — 012413. —
 1645 K. HUGHES TAKES ALL SAMPLES TO
 — LAB, START OFF SITE. —

01/25/14 W.VERMONT PRP G.ROUSSOS
 0800 START G. ROUSSOS & KHUGHES ON
 SITE AT WES-01. OVERNIGHT
 ~2-3" SNOW. CURRENT TEMP ~
 20°F. —
 0823 SET UP ON 01-A, BEGIN TO
 — PURGE. —
 0925 COLLECT SAMPLE WUS-MWES-01A-
 — 012514-GW. —
 0946 BEGIN TO PURGE 01-B. —
 1035 COLLECT SAMPLE WUS-MWES-
 — 01B-012514-GW —
 1053 BEGIN TO PURGE 01-C. —
 1150 COLLECT SAMPLE WUS-MWES-
 — 01C-012514-GW AND WUS-MWES-
 — DWI-012514-GW. —
 1215 ALL EQUIPMENT PACKED AWAY,
 — START OFFSITE, TO SHIP SAMPLES
 — TO LAB ON MONDAY. —


 1/25/14
late in the rain.

2/17/14 WEST VERMONT PRP G.Roussos
 1345 START ROUSSOS ONSITE, MET
 WITH SCOTT U/ LAYNE DRILLING
 ALL GROUT SEALS COMPLETE.
 ABOUT TO START DIGGING OUT
 THE PAD 2'X2' AREA DRILLERS
 WILL DOVE PAD + DEV. WELLS
 TODAY / TOMORROW. ——————
 1400 AT WES-04, 12" SNOW COVER
 + APPROX 2-3" ICE UNABLE
 TO FIND + DIG OUT. ——————
 1445 ABLE TO LOCATE + DIGOUT
 WES 03 A + B. ——————
 1525 BEGIN TO PURGE 03A ——————
 1545 LAYNE BEGINS TO FLOW IN STAGE
 WATER DRUMS AT WNTF. ——————
 1615 COLLECTED SAMPLE WVS-MWVES -
 — 03A - 021814-GW ——————
 1630 BEGIN TO PURGE 03B ——————
 1715 COLLECTED SAMPLE WVS-MWVES -
 — 03B - 021814-GW ——————
 1730 START OFF SITE

2/18/14 W. VERMONT G.Roussos
 0800 START ONSITE + DUMPS WATER
 AT WNTF. ——————
 0825 ARRIVE AT WES-05, SEARCH
 + DIG OUT WELLS ——————
 0841 BEGIN TO PURGE 05-A ——————
 0900 ISSUES w/ PUMP NOT PRODUCING
 ENOUGH WATER. "RESTART"
 1000 COLLECT SAMPLE WVS-MWVES-05A -
 — 021814-GW ——————
 1025 BEGIN TO PURGE WES-05B. ——————
 1115 COLLECT SAMPLE WVS-MWVES-05B -
 — 021814-GW ——————
 1145 BEGIN TO PURGE WES-05C ——————
 ** BACKNOTE: SPOT w/ SCOTT (LAYNE)
 HE IS DERUNNING PUMP + USING DEPICTION
 TUBING WHEN DEVELOPING THE WELLS.
 1245 COLLECT SAMPLE WVS-MWVES-05C -
 — 021814-GW ——————
 1500 COLLECT SAMPLE WVS-MWVES-01C -
 — 021814-GW ——————
 ** BACKNOTE: UNABLE TO FIND WES-02,
 AND 01-A+B. 12+ INCHES OF SNOW
 + 2-3" ICE. ——————
 1720 ABLE TO FIND + UNCOVER WES-01
 + B+C ——————
 ——————

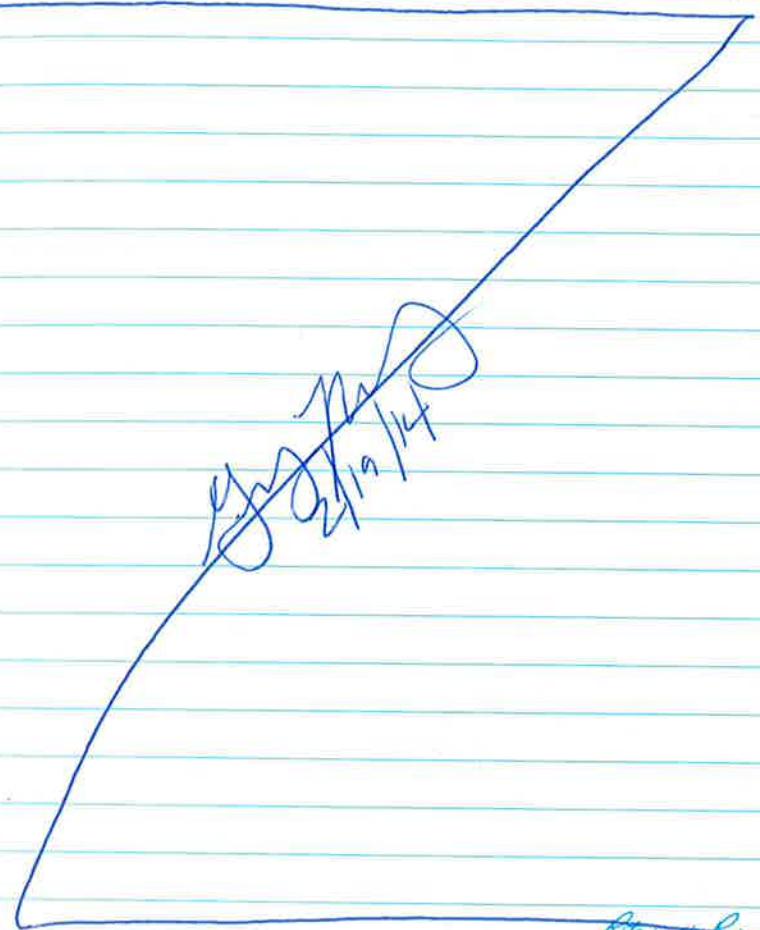
2/18/14 WEST VERMONT G. ROUSSES
 1524 BEGIN TO PURGE WES-01B. — hr
 1540 ABLE TO LOCATE + UNCOVER
 WES-02 — hr
 1625 COLLECT SAMPLE WUS-MWWS-01B-
 — 021814-GW — yr
 1651 BEGIN TO PURGE 01A. — hr
 1730 SPOKE w/ SCOTT (LAYNE), WELLS
 DEVELOPED ~20-30 GAL PUMPED
 FROM EACH. TROUBLE w/ WES-07
 WILL BAIL + PUMP TOMORROW.
 PADS DUG OUT, WILL POUR
 TOMORROW. LOCATIONS 6, 9, + 8
 PADS ARE DUG OUT BUT YARD
 IS MESSY. WILL COME BACK
 w/ WHEEL BARROW TO CLEAN
 UP. SCOTT OFFERS THAT WHEN
 SNOW MELTS + YARD IS A MESS,
 THEY (LAYNE) WILL COME TO
 FIX IT. — yr
 1745 COLLECTED SAMPLE WUS-MWWS-01A-
 — 021814 — yr
 1800 START OFF SITE. — yr

AFM

2/19/14 W VERMONT G. ROUSSES
 0750 START ROUSSES ONSITE; DUMP
 — PURGE WATER AT WWTP — yr
 0800 ARRIVE AT WES-02. — yr
 0827 BEGIN TO PURGE WES-02A.
 0930 COLLECT SAMPLE WVS-MWWS-
 — 02A-021914-GW — hr
 0949 BEGIN TO PURGE WES-02B.
 1025 COLLECT SAMPLE WUS-MWWS-
 — 02B-021914-GW AND WUS-MW
 WES-DUP1-021914-GW. — yr
 1054 BEGIN TO PURGE WES-02C,
 — WATER LEVEL METER IS ACTING
 STRANGE. SOMETIMES GIVING
 FALSE POSITIVE + NEGATIVE
 READINGS — yr
 1135 COLLECT SAMPLE WVS-MWWS
 — 02C-021914-GW — yr
 1200 DUMP PURGE WATER AT WWTP
 1230 ONSITE AT WES-06. SPOKE
 WITH SCOTT (LAYNE). ALL OF
 THE SNOW MELT WATER IS
 EFFECTING THE POURING OF
 THE PADS. SCOTT SAYS TO
 SPEAK WITH DAN ABOUT
 DETAILS OF CLEANING UP
 PROPERTY, BUT HE ANTIPOPPY

2/19/14 W. VERMONT G. RAUSSOS
 THEY WILL FIX ALL RUTS,
 AND AROUND PAD AREAS,
 RESEED IF NECESSARY.
 WES 06 & 09 Poured, begin
 to work on 08 & 07 — m
 ENTIRE BACK YARD IS UNDER
 WATER / SNOW MELT UNABLE
 TO DRIVE. — m
 1256 BEGIN TO PURGE WES-06 D
 1400 COLLECT SAMPLE WWS-MWWES
 — 06D - 021914-GW — m
 1425 BEGIN TO ~~COLLECT~~^m SAMPLE
 — PURGE WES-06 S — m
 1525 COLLECT SAMPLE WWS-MWWES
 — 06S - 021914-GW — m
 1600 PACK UP EQUIPMENT & DUMP
 — PURGE WATER AT WWTP. — m
 1633 BEGIN TO PURGE WES-09 D
 1725 COLLECT SAMPLE WWS-MWWES
 — 09D - 021914-GW AND WWS-
 MWWES-DUP2 - 021914-GW — m
 1751 BEGIN TO PURGE 09-S.
 1845 SPOKE TO HOME OWNER KAREN.
 SHE EXPRESSED CONCERN ABOUT
 DAMAGE TO HER PROPERTY AGAIN.
 INFORMED HER SOMEONE WOULD

2/19/14 W. VERMONT G. RAUSSOS
 I BE BY ON FEB 24 TO
 GAUGE THE WELLS. — m
 1855 COLLECT SAMPLE WWS-MWWES-
 — 09S - 021914-GW — m
 1715 ALL EQUIPMENT PACKED,
 — START OFF SITE. — m



Reinforced

2/20/14 WEST VERMONT G. ROUSSES
 0755 ON SITE, DUMP PURGEWATER
 — AT WWTP. — en
 0810 ARRIVE AT WES-08 — en
 0833 BEGIN TO PURGE WES-08
 0905 COLLECT SAMPLE WVS-MWWS-
 — 08D-022014-GW — en
 0920 BEGIN TO PURGE WES-08 S
 1025 COLLECT SAMPLE WVS-MWWS-
 — 08S-022014-GW — en
 1045 DUMP PURGEWATER AT WWTP
 1103 ARRIVE & BEGIN TO PURGE
 — WES-07A. — en
 1205 COLLECT SAMPLE WVS-MWWS-
 — 07D-022014-GW — en
 1245 ARRIVE AT WES-04. ABLE TO
 REMOVE ICE FROM ON TOP
 OF CASING. LARGE Puddle OF
 WATER ON TOP OF WELLS. UNABLE
 TO BAIL WATER OUT. IF
 ORANGE EXPANDABLE CAPS ARE
 REMOVED, SURFACE WATER WILL
 FLOOD WELL. SPOKE w/ FM
 BUDRUM ON PHONE, THESE
 WELLS WILL NOT BE SAMPLED.
 1330 DEPART SITE TO DROP SAMPLES
 — AT PAGE LAB — en

3/17/14 WEST VERMONT G. ROUSSES
 0800 START ROUSSES ON SITE AT
 SPEEDWAY WWTP. SPOKE WITH
 NEM, APPROVED DUMPING OF
 WATER INTO MANHOLE IN FRONT
 OF 2 STORY BUILDING IN BACK
 OF PROPERTY. — en
 0850 THREE DRUMS DUMPED from
 NOV, DEC, & JAN. SOME ICE
 REMAINS. — en
 0900 ARRIVE AT WES-04 — en
 0915 CALIBRATE VS1 RFW 25582
 PH 4 → 3.61
 PH 7 → 6.90
 PH 10 → 10.31
 (nd) TEC → 1452 — en
 0932 BEGIN TO PURGE WES-04A — en
 1015 SAMPLE WVS-MWWS-04A-031714-GW
 — COLLECTED. — en
 1035 DECOW PUMP, MOVE TO 04-B,
 — BEGIN TO PURGE. — en
 1135 SAMPLG WVS-MWWS-04B-031714-GW
 1200 DUMP PURGE WATER @ WWTP.
 1242 BEGIN TO PURGE WES-03A — en
 1330 COLLECT SAMPLE WVS-MWWS-03A-
 — 031714-GW — en
 1346 BEGIN TO PURGE MW-03B later in column

3/17/14 West Vermont G.Roussos
 1430 SAMPLE WVS-MWWS-03B-031714-GW
 1510 DUMP PURGE WATER AT WWTP
 1517 BEGIN TO PURGE WES-0SA —
 1605 SAMPLE WVS-MWWS-0SA-031714
 — GW COLLECTED. —
 1630 BEGIN TO PURGE WES-0SB —
 1715 SAMPLE WVS-MWWS-0SB-031714
 — GW COLLECTED. —
 1840 ALL EQUIPMENT PACKED, START OFF SITE. —

*BACKNOTE: @ 1830 SAMPLE
WVS-MWWS-0SC-031714-GW
WAS COLLECTED.

MJ 3/17/14

3/18/14 WESTVERMONT G.Roussos
 0750 START ROUSSOS ON SITE,
 7 DUMP PURGE WATER AT SPEEDWAY WWTP. —
 0800 MEET CHRIS FERGUSON (ENU-
 7-(IRON)) AT MICHIGAN PLAZA.
 PLAN IS TO SAMPLE 145,
 160, 161, 146, 151, & 301 TODAY.
 0820 ON THE FORMER GENUINE
 PARTS SITE. —
 0843 BEGIN TO PURGE MW-145
 0945 COLLECT SAMPLE WVS-MW145-
 Z 031814-GW AND WVS-MWWS-
 DUP 1-031814-GW —
 1010 BEGIN TO PURGE MW-160 —
 1030 OSC LAM OFF SITE. —
 1110 COLLECT SAMPLE MW-160-031814
 — GW —
 1133 BEGIN TO PURGE MW-161 —
 WVS-MWWS-161-031814-GW —
 1133 BEGIN TO PURGE MW-161 —
 1210 COLLECT SAMPLE WVS-MW161-
 — 031814-GW —
 1230 DUMP PURGE WATER AT WWTP.
 1253 BEGIN TO PURGE MW-146 —
 1330 COLLECT SAMPLE WVS-MW146-
 — 031814-GW — *late in afternoon*

3/18/14 WESTVERMONT G.Roussos
 1400 BEGIN TO PURGE MW-151.
 1410 MW-301 BURIED UNDER
 DEBRIS & ICE, ABLE TO
 UNCOVER IT. — m
 1425 COLLECT SAMPLE WVS-MW151-
 — 031814-GW — m
 1445 BEGIN TO PURGE MW-301. — m
 1455 PUMP SCREENED INTAKE
 CLOGGED w/ SEDIMENT.
 Z CLEAN & RESTART. — m
 1500 COLLECT SAMPLE WVS-MW301-
 — MW301-031814-GW — m
 1540 ARRIVE @ WES-07. — m
 1649 BEGIN TO PURGE -07 — m
 1740 COLLECT SAMPLE WVS-MWWES-07-
 — 031814-GW — m
 1800 PACK UP. START OFF SITE. — m

**BASIC NOTE: ONLY COLLECTED
 3 VIALS FOR WES-07. WILL
 NEED TO RESAMPLE.

3/19/14 West Vermont G.Roussos
 0800 START Roussos on-site AT
 THE WWTP TO DUMP PURGE
 WATER. — ex
 0815 ARRIVE AT WES-02, BEGIN
 TO SET UP ON 02-A. — ex
 0830 BEGIN TO PURGE WES-02A.
 0935 COLLECT SAMPLE WVS-mwes-
 — 02A-031914-GW — ex
 0949 BEGIN TO PURGE WES-02B
 1020 COLLECT SAMPLE WVS-mwwes-
 — 02B-031914-GW — m
 1037 BEGIN TO PURGE WES02-C.
 1110 COLLECT SAMPLE WVS-mwwes-
 — 02C-031914-GW — ex
 1130 DUMP PURGE WATER AT WWTP,
 — SET UP AT WES-01. — ex
 1206 BEGIN TO PURGE WES-01 A.
 1300 COLLECT SAMPLE WVS-mwwes-
 — 01A-031914-GW — m
 1314 BEGIN TO PURGE WES-01 B.
 1415 COLLECT SAMPLES WVS-mwwes-
 — 01B-031914-GW AND WVS-mwes-
 — DWPZ-031914-GW. — ex
 1435 BEGIN TO PURGE WES-01 C.
 1515 COLLECT SAMPLE WVS-mwwes-
 — 01C-031914-GW — ex

3/19/14 West Vermont G.Roussos
 1530 DUMP PURGE WATER AT
 — WWTPO & SET UP ON WES-07.
 1604 BEGIN TO PURGE WES-07.
 1615 QED MP50 PUMP CONTROLLER
 STOPPED WORKING. SPOKE WITH
 HAZCO SUPPORT, SOMETHING
 WITH THE COMPRESSOR IS
 WRONG. HAZCO WILL SHIP OUT
 NEW UNIT TO BE DELIVERED BY
 1030 AM TOMORROW. — m
 1700 START OFFSITE. — m

John R. Roussos
 3/19/14

3/20/14 W. VERMONT G.Roussos
 0830 START ROUSSOS ON SITE
 AT WWTPO DUMP REMAINING
 DRUMS OF WASTEWATER — m
 RECEIVE EMAIL FROM N.
 BERRY STATING THAT THEY
 CANNOT ACCEPT ANY MORE
 WATER DUE TO VC CONCENTRATIONS
 BEING ABOVE IDEAL TAPWATER
 CONCENTRATIONS. — m
 0845 SPOKE TO NORM BERRY
 HE EXPLAINED HE DIDN'T
 NOTICE THE HIGH VC CONCENTRATION
 AND DIDN'T REALIZE THE
 CRITERIA WAS 2. HE WILL
 SEND FOLLOW UP EMAIL STATING
 HE ACCEPTED THE FIRST 3
 DRUMS BUT REMAINING WILL
 HAVE TO BE DISPOSED OF.
 0900 SPOKE WITH PM F. BLODGETT
 TO INFORM HIM OF THE
 SITUATION, HE WILL TALK TO
 ER ABOUT DISPOSAL. — m
 0955 RECEIVE QED PUMP, FEEDLY
 — DELIVERED TO HOTEL. — m
 1015 BEGIN TO SET UP ON WES-
 07. — *Roussos*

3/20/14 WESTVERMONT G. ROUSSOS
 1110 COLLECT SAMPLE WVS-MWWES —
 — 07-032014-GW — en
 1120 ARRIVE AT WGS-06 — en
 1130 BEGIN TO PURGE WES-06 D.
 1230 COLLECT SAMPLE WVS-MWWES
 1230 ~06D-032014-GW AND WVS-
 MWWES DUMP 3-032014-GW — en
 1248 BEGIN TO PURGE WES-06S.
 1330 COLLECT SAMPLE WVS-MWWES —
 — 06S-032014-GW. — en
 1349 BEGIN TO PURGE WGS-07-D.
 1350 DUMP PURGE WATER AT
 — WWTP. — en
 1425 COLLECT SAMPLE WVS-MWWES —
 — 09D-032014-GW — en
 1441 BEGIN TO PURGE WES-09S — en
 1525 COLLECT SAMPLE WVS-MWWES —
 — 09S-032014-GW — en
 1557 BEGIN TO SAMPLE WES-08D.
 1630 COLLECT SAMPLE WVS-MWWES —
 — 08D-032014. — en
 1645 BEGIN TO PURGE WES-08S.
 1730 COLLECT SAMPLE WVS-MW
 — WES-08S-032014-GW — en
 1750 START OFFSITE. — en

3/21/14 WestVermont Groussos
 0815 ON SITE AT WWTP, DUMP
 PURGE WATER FROM PREVIOUS
 DAY. PHOTO DOCUMENT
 DRUMS DISPOSED OF AND
 DRUMS TO BE DISPOSED.
 0856 SUBMIT SAMPLES TO PLACE
 LAB UNDER COC. — en


 J.M. 3/21/14

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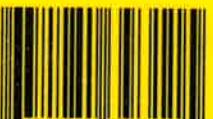
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